



US00D404745S

United States Patent [19]
Bernadic et al.

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[54] POLYGONAL INDEXABLE CUTTING
INSERT

5,116,167 5/1992 Niebauer .
5,141,367 8/1992 Beeghly et al. .
5,180,258 1/1993 Bernadic 407/114

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[73] Assignee: Valenite Inc., Madison Hts., Mich.
[**] Term: 14 Years

[57] CLAIM
The ornamental design for a polygonal indexable cutting
insert, as shown.

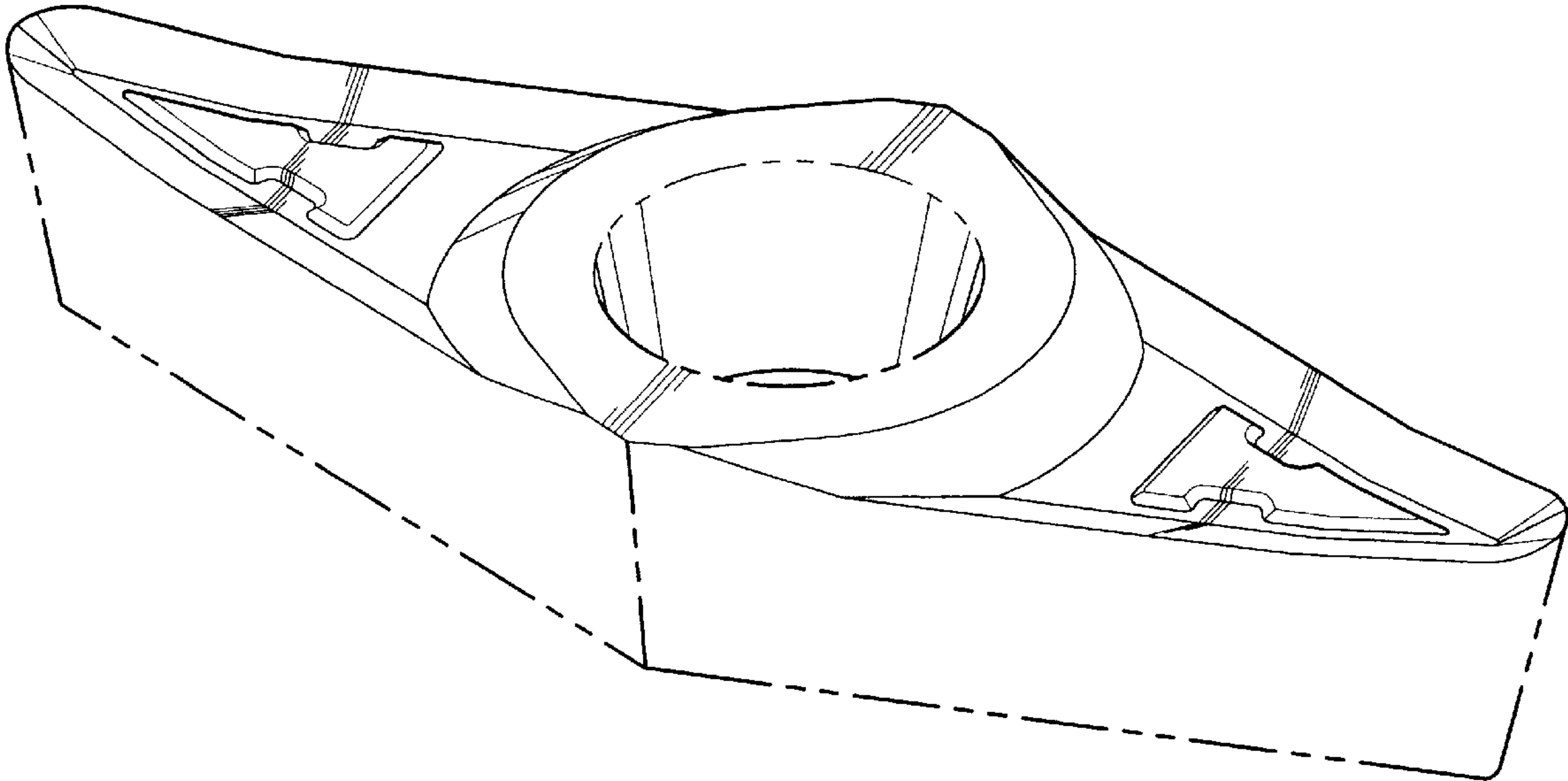
[21] Appl. No.: 86,068
[22] Filed: Apr. 3, 1998
[51] LOC (6) Cl. 15-09
[52] U.S. Cl. D15/139
[58] Field of Search D15/139; 407/112–117

DESCRIPTION

FIG. 1 is a perspective view of a polygonal indexable cutting
insert showing a first form of our new design;
FIG. 2 is a top plan view of the polygonal indexable cutting
insert of FIG. 1;
FIG. 3 is a side view of the polygonal indexable cutting
insert of FIG. 1;
FIG. 4 is a sectional view of the polygonal indexable cutting
insert of FIG. 2 taken along the line 4—4;
FIG. 5 is a sectional view of the polygonal indexable cutting
insert of FIG. 2 taken along the line 5—5;
FIG. 6 is a view of a polygonal indexable cutting insert
showing a second form of our new design; and,
FIG. 7 is a view of a polygonal indexable cutting insert
showing a third form of our new design.
The broken line showing is for illustrative purposes only and
forms no part of the claimed design.

[56] References Cited
U.S. PATENT DOCUMENTS
3,557,416 1/1971 Jones .
3,777,341 12/1973 Heinrich et al. .
3,786,541 1/1974 Lundgren .
4,189,265 2/1980 Arnold et al. .
4,334,808 6/1982 Seidel .
4,359,300 11/1982 Hazra et al. .
4,367,990 1/1983 Porat et al. .
4,411,565 10/1983 Hazra et al. .
4,685,844 8/1987 McCreery et al. .

1 Claim, 3 Drawing Sheets



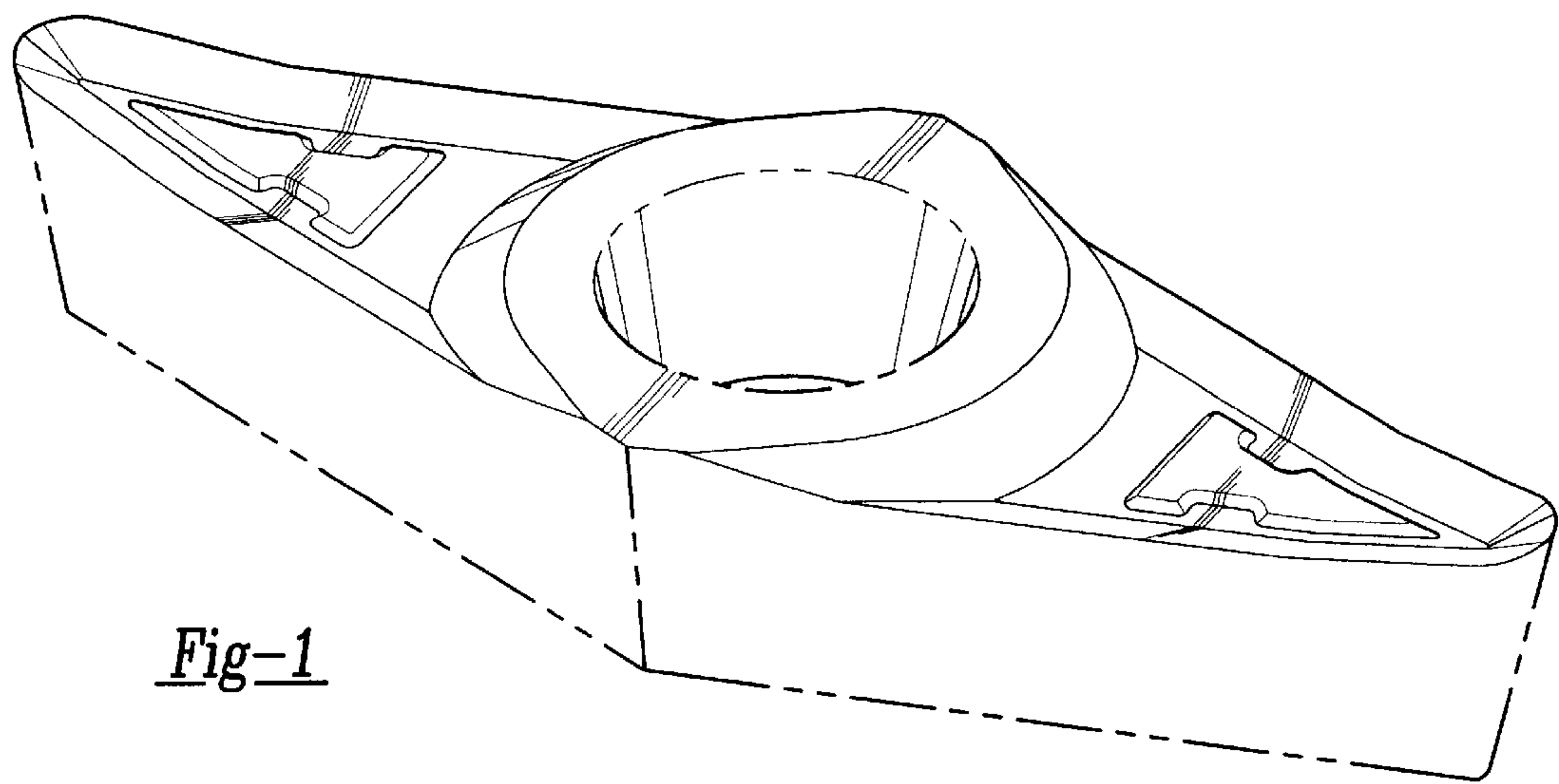


Fig-1

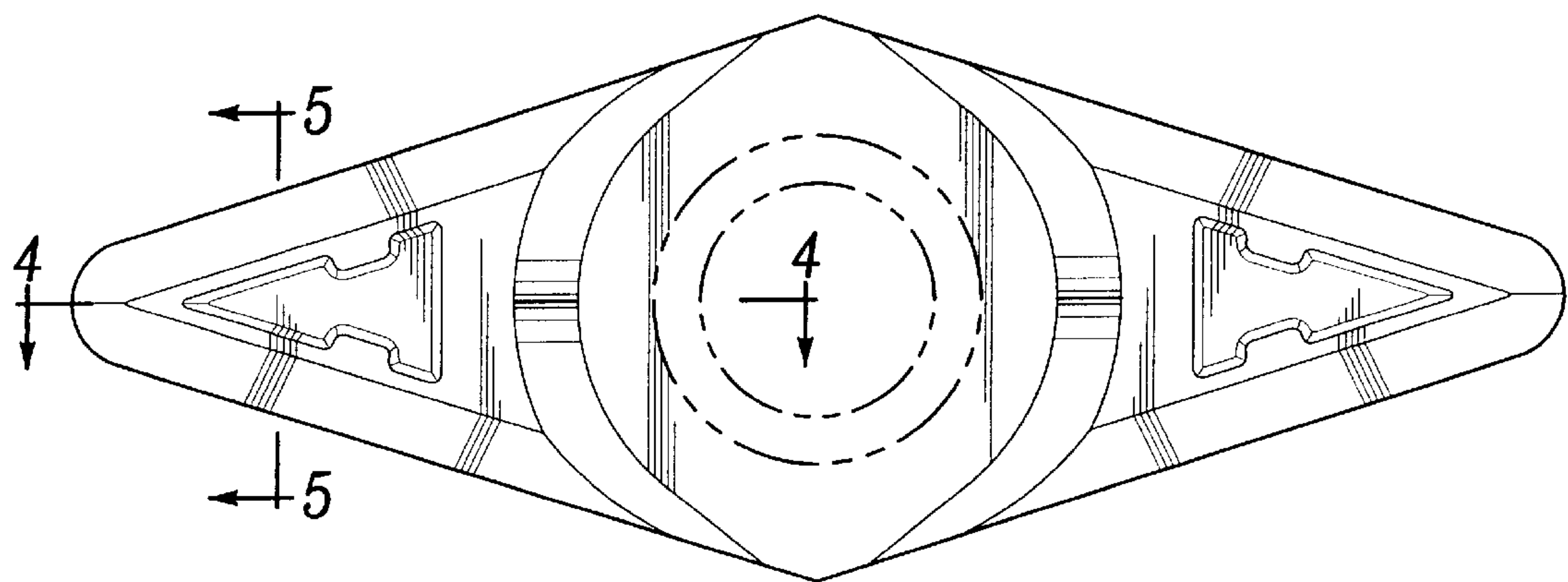


Fig-2

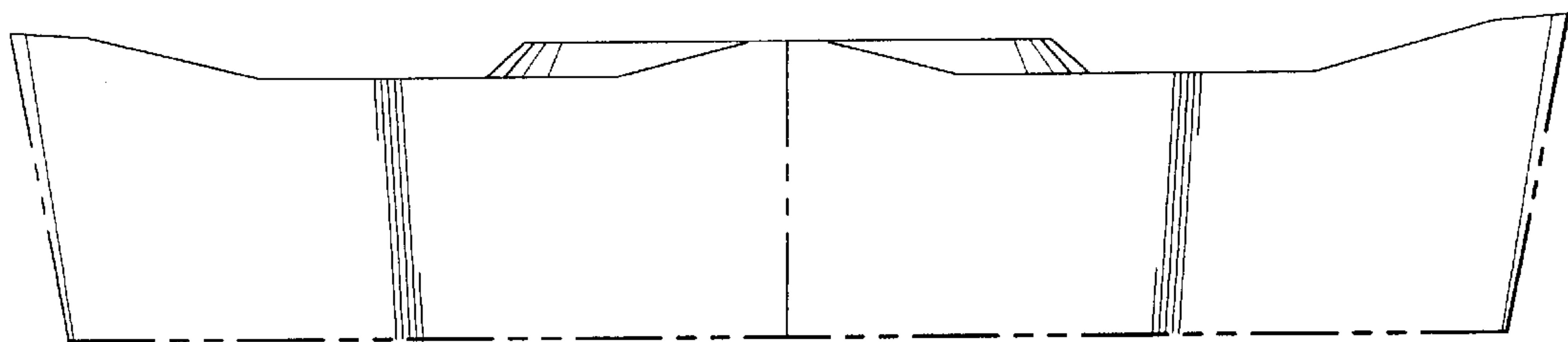


Fig-3

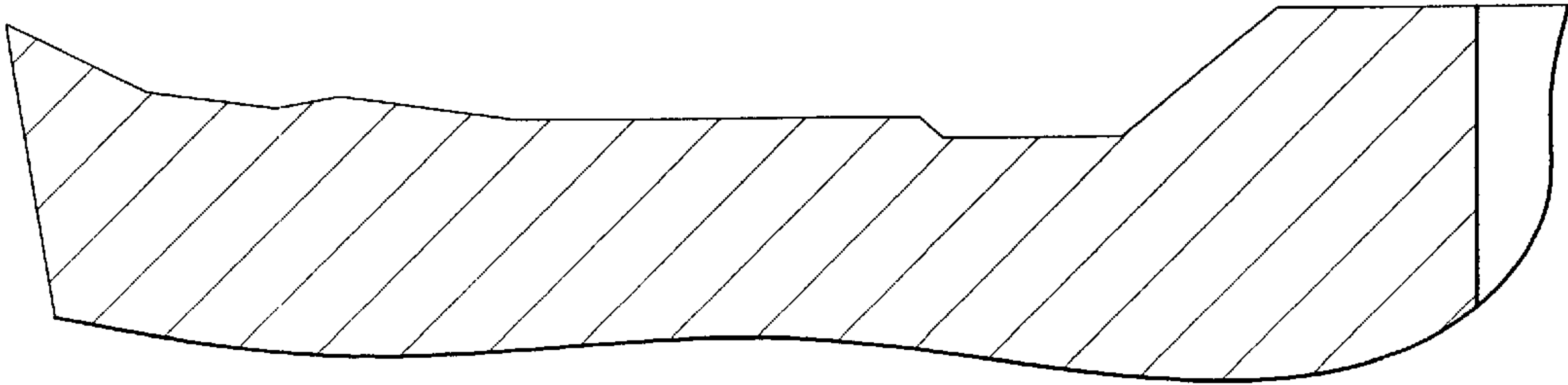


Fig-4

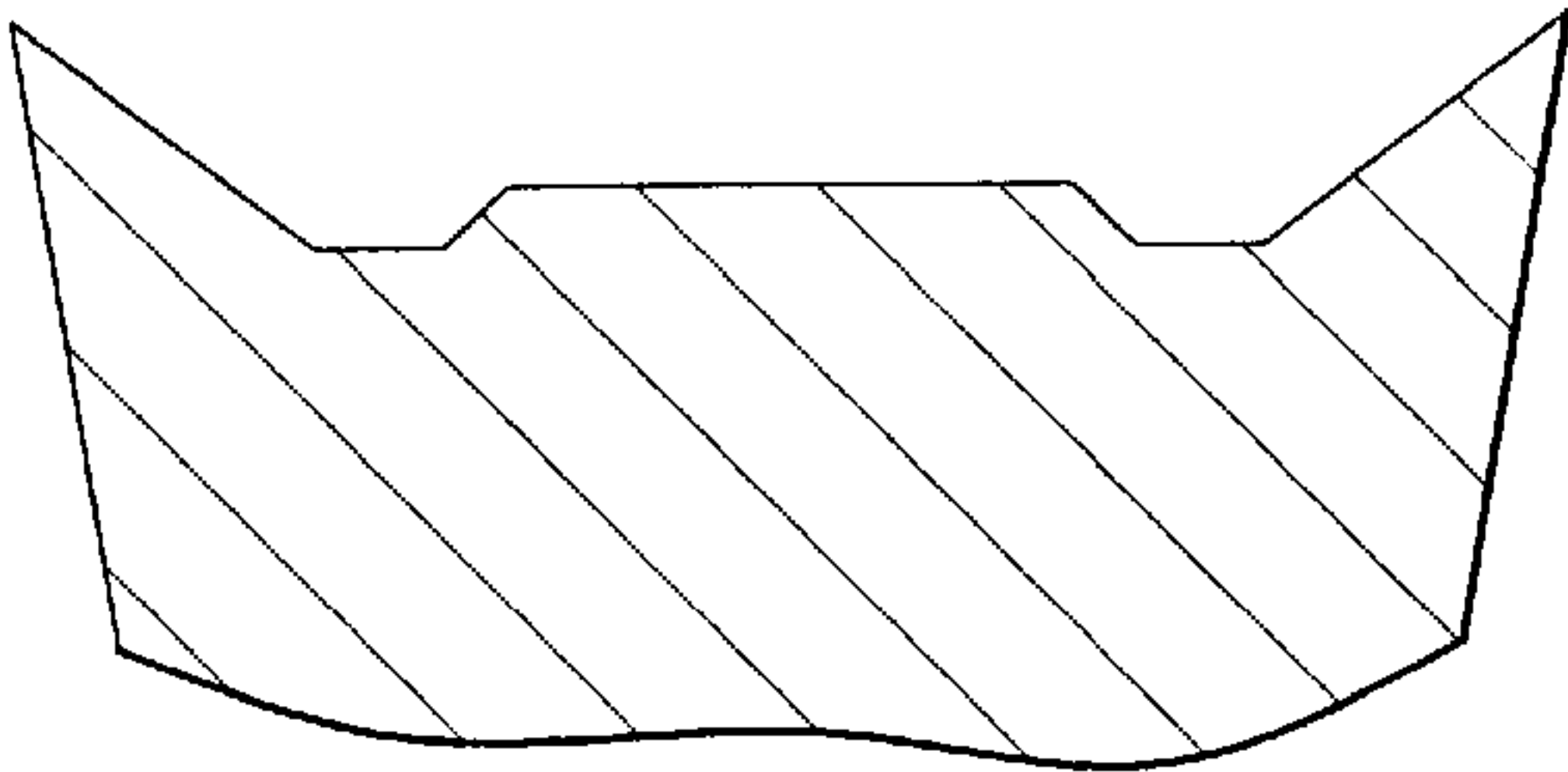


Fig-5

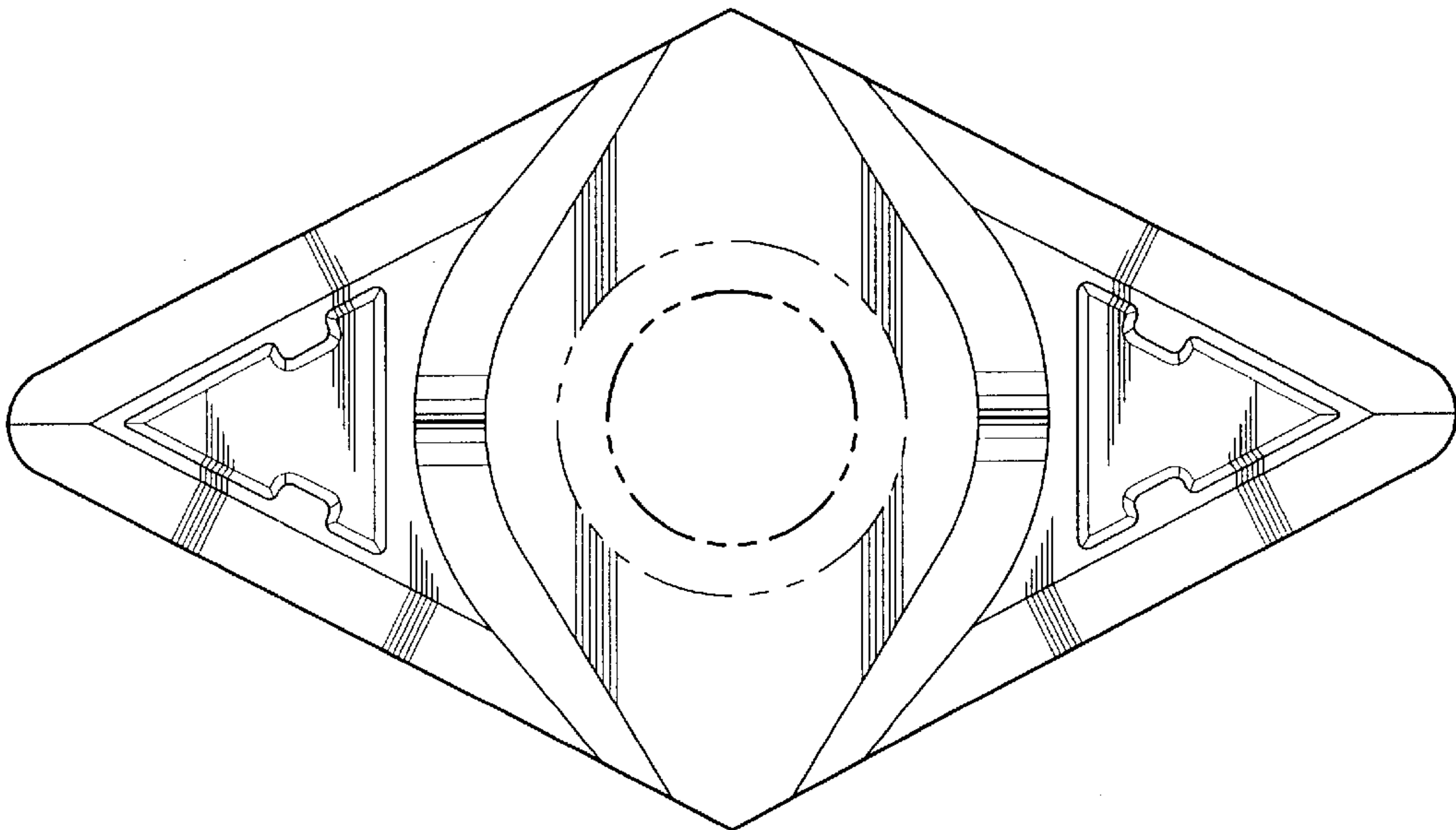


Fig-6

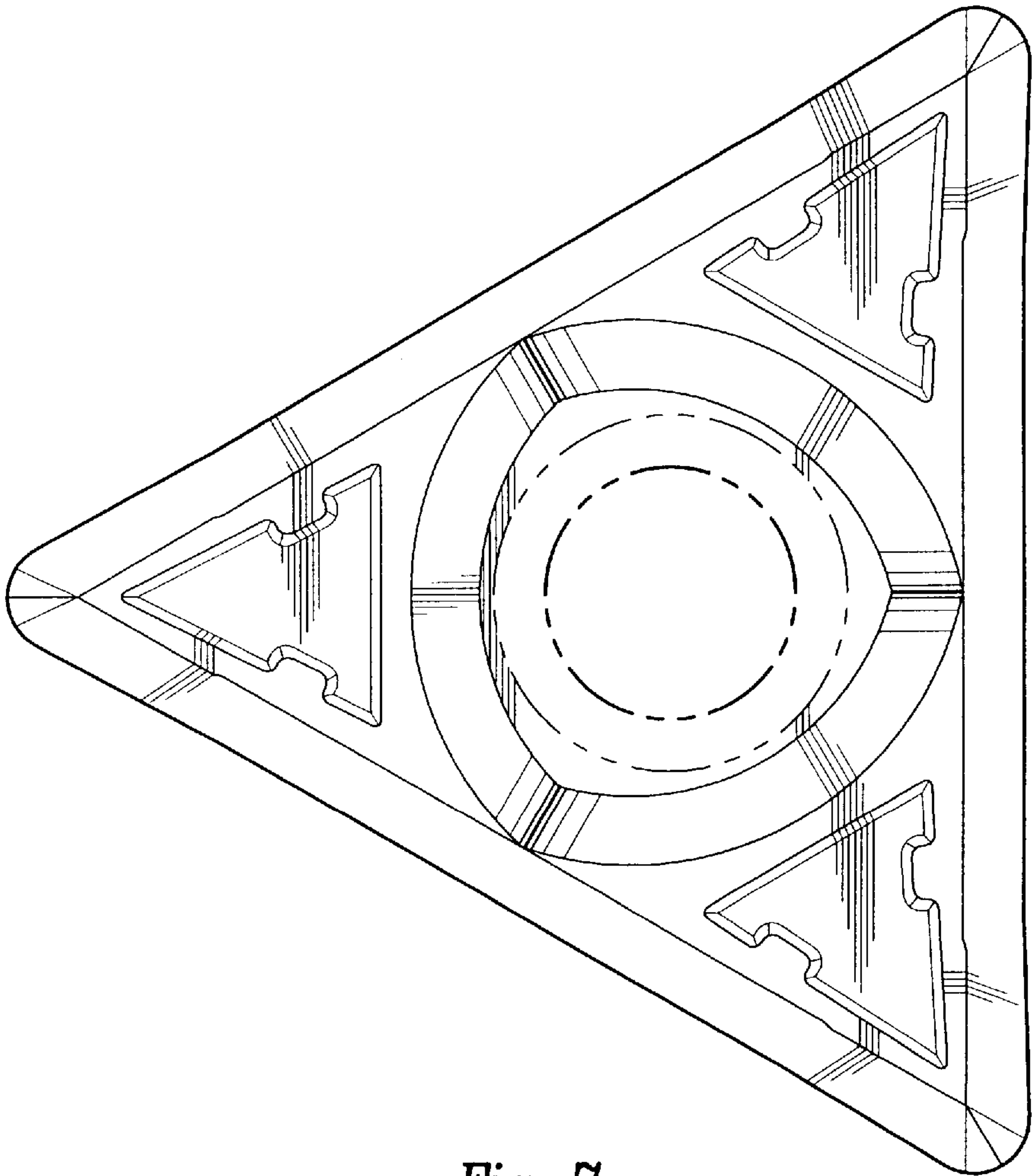


Fig-7